

Product Texts

SABIC® PPcompound 7795 is a mineral filled modified polypropylene. This material combines high scratch resistance, good stiffness, high impact and excellent flow. This material has a very broad processing window and good esthetical performance. Typical applications include esthetical automotive interior parts such as door panels and interior trim. SABIC® PPcompound 7795 is a designated automotive grade. IMDS ID: 96146436

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	30	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1550	MPa	ISO 527
Yield stress	24	MPa	ISO 527
Stress at break	20	MPa	ISO 527
Strain at break	50	%	ISO 527
Flexural modulus, 23°C	1600	MPa	ISO 178
Charpy notched impact strength, +23°C	40	kJ/m ²	ISO 179/1eA
Izod notched impact strength	5	kJ/m ²	ISO 180/1A
Shore D hardness	66	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	110	°C	ISO 75-1/-2
Vicat softening temperature, A	125	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1000	kg/m ³	ISO 1183